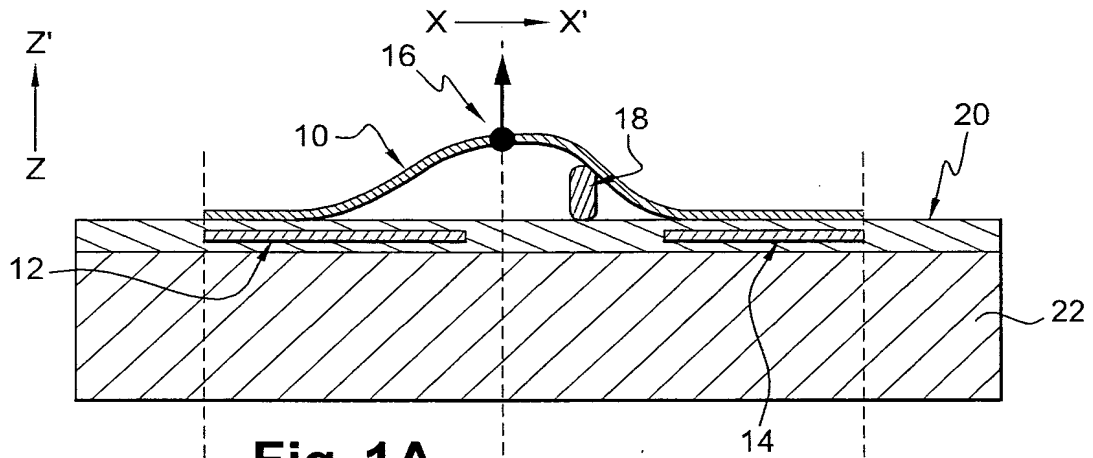
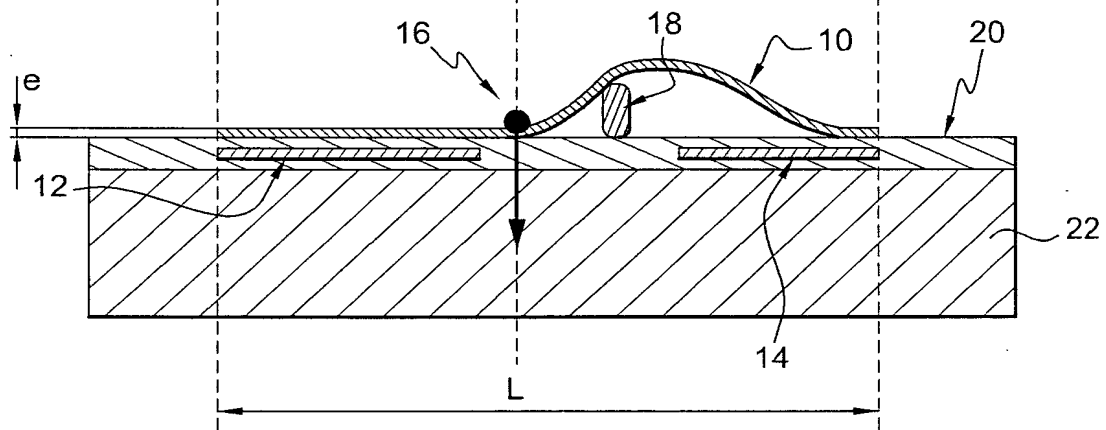


1/25



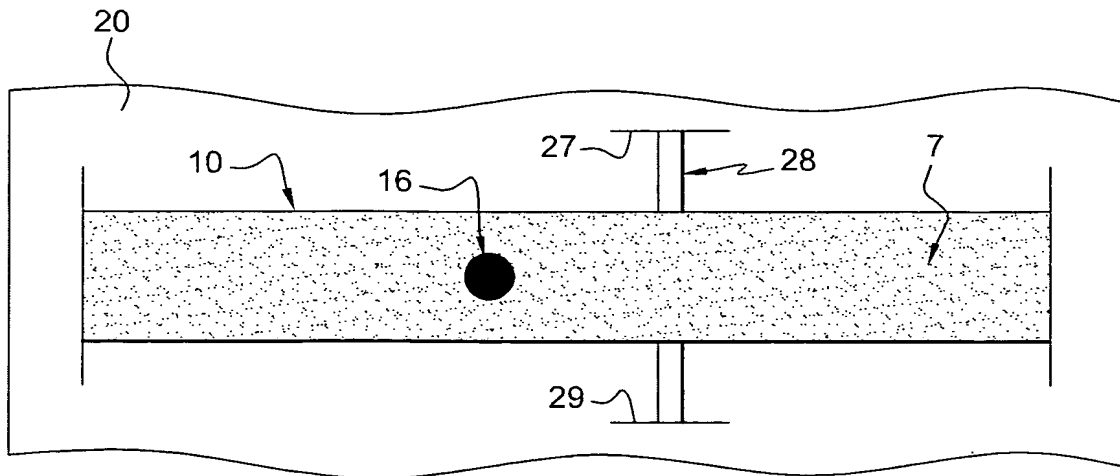
**Fig. 1A**



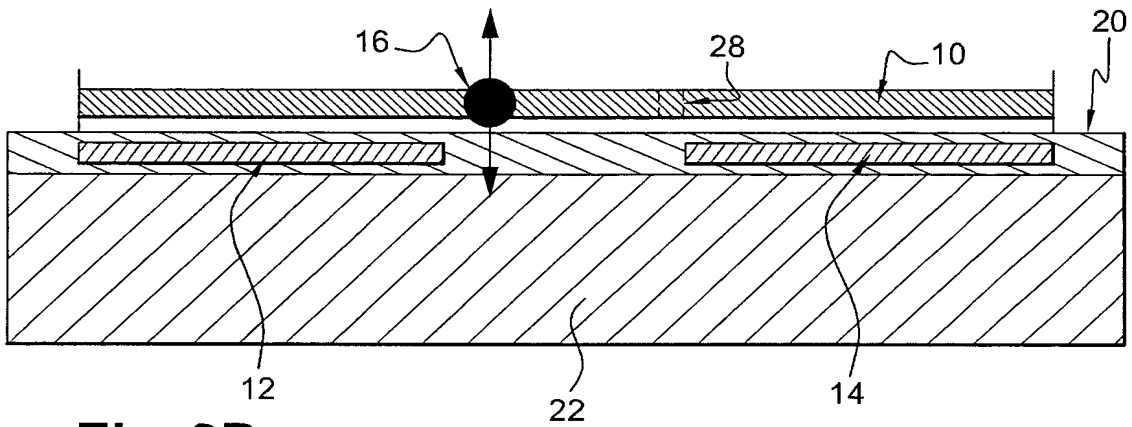
**Fig. 1B**

BEST AVAILABLE COPY

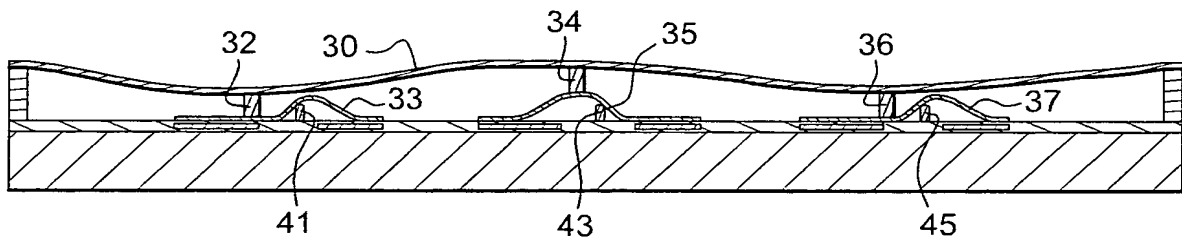
2/25



**Fig. 2A**

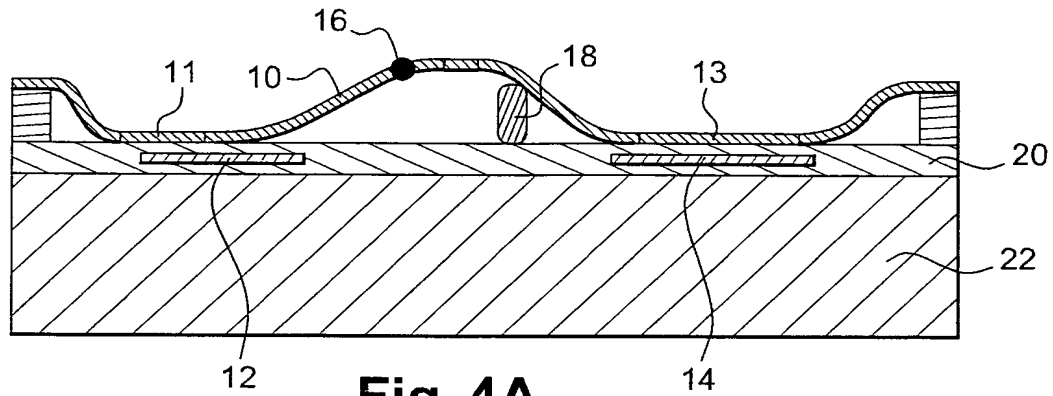


**Fig. 2B**

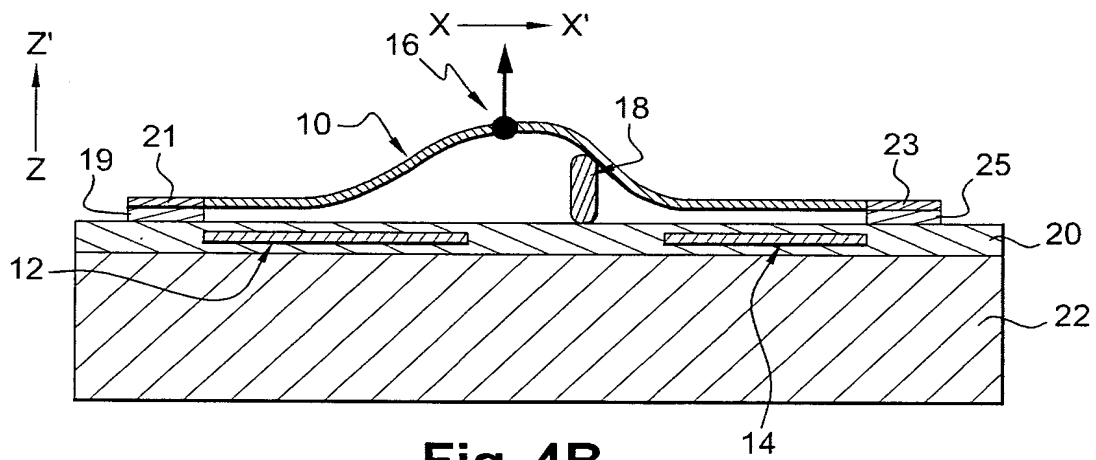


**Fig. 3**

3/25

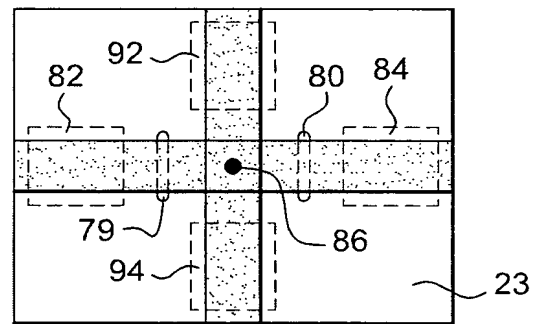
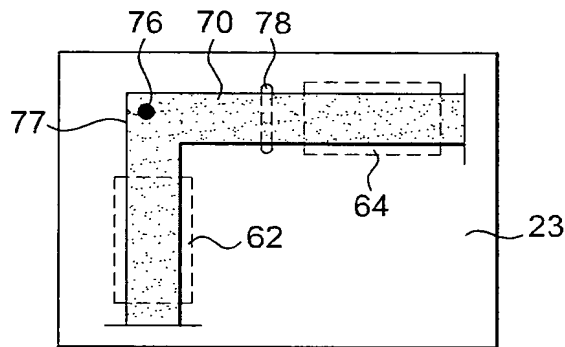
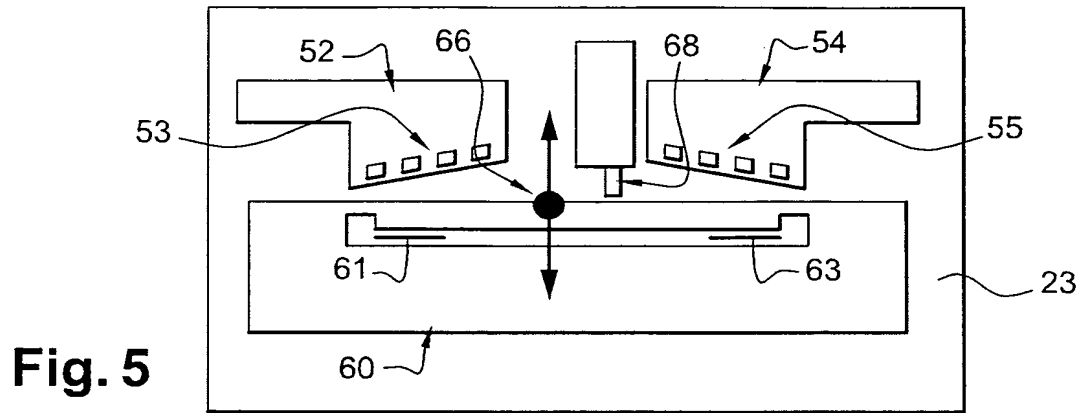


**Fig. 4A**

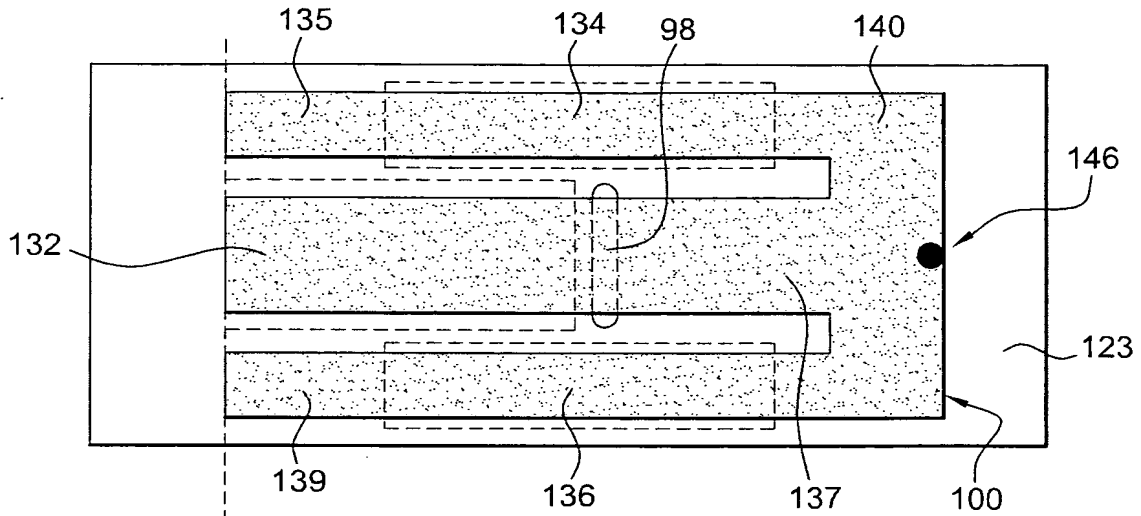


**Fig. 4B**

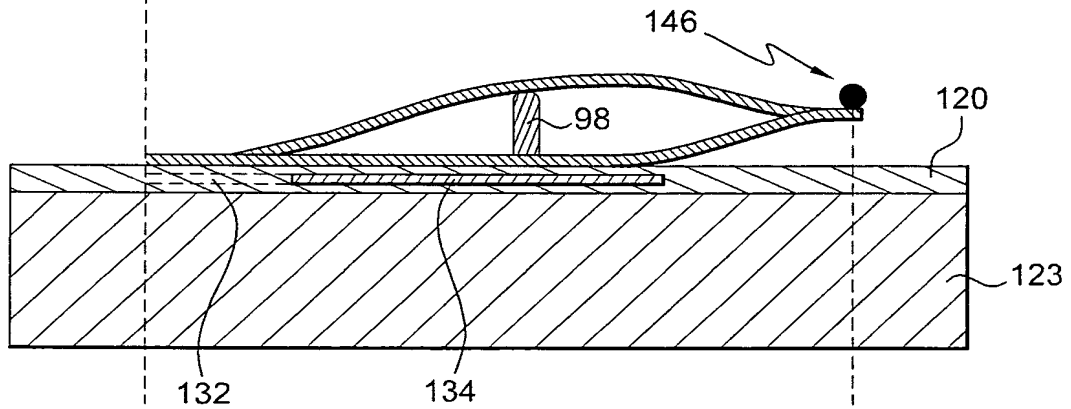
4/25



5/25

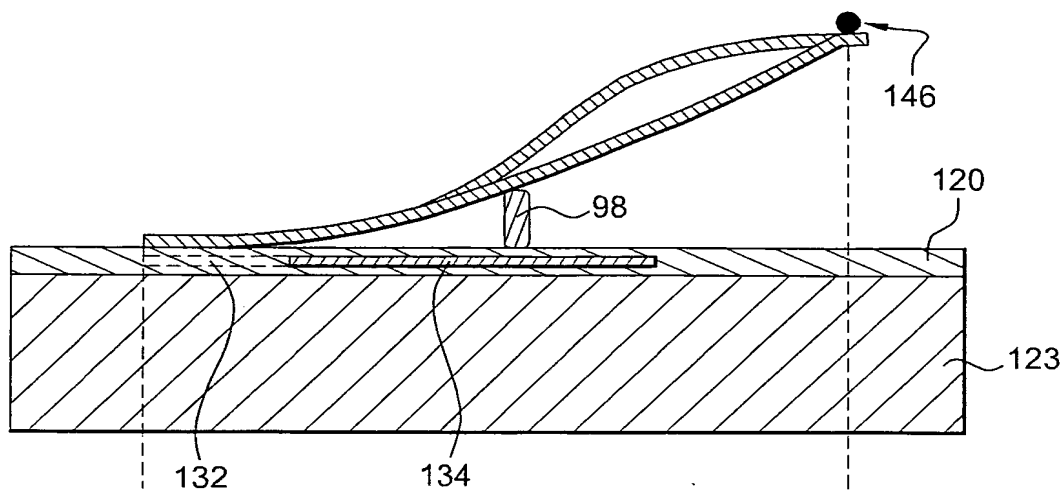


**Fig. 8A**

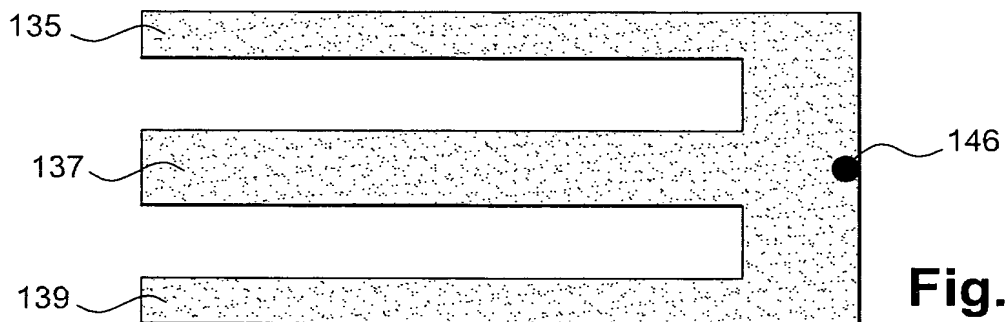


**Fig. 8B**

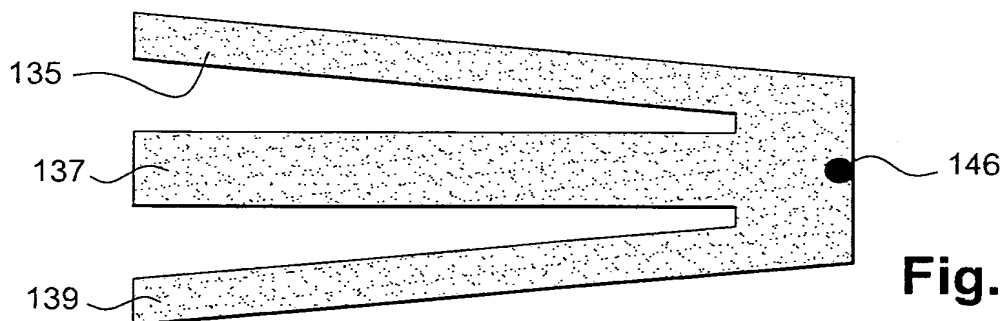
6/25



**Fig. 8C**

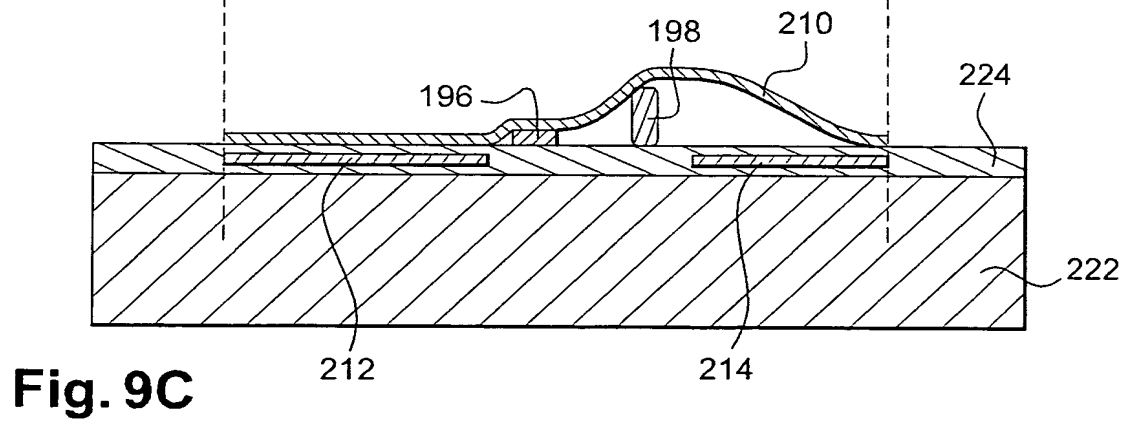
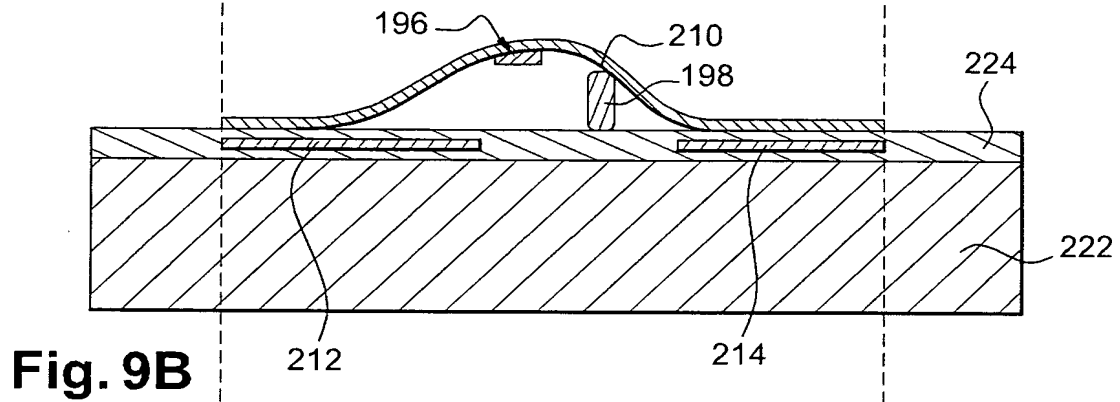
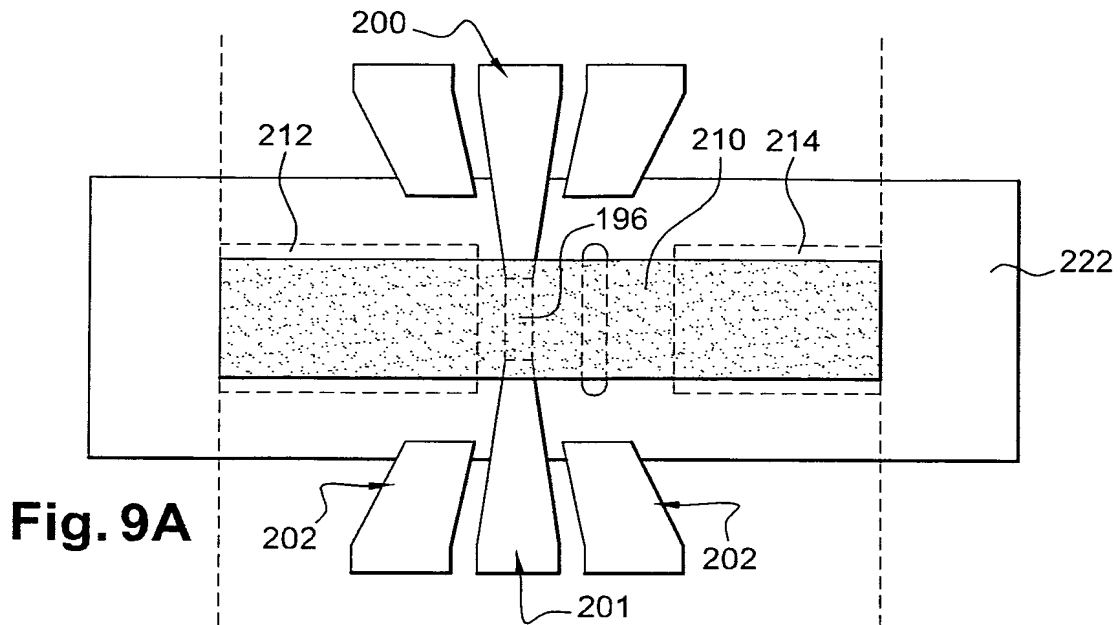


**Fig. 8D**

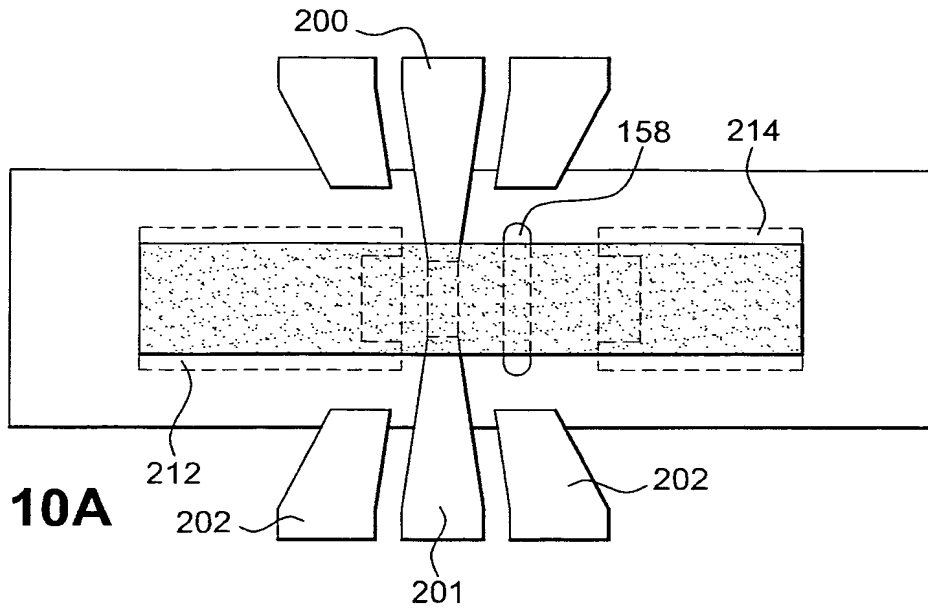


**Fig. 8E**

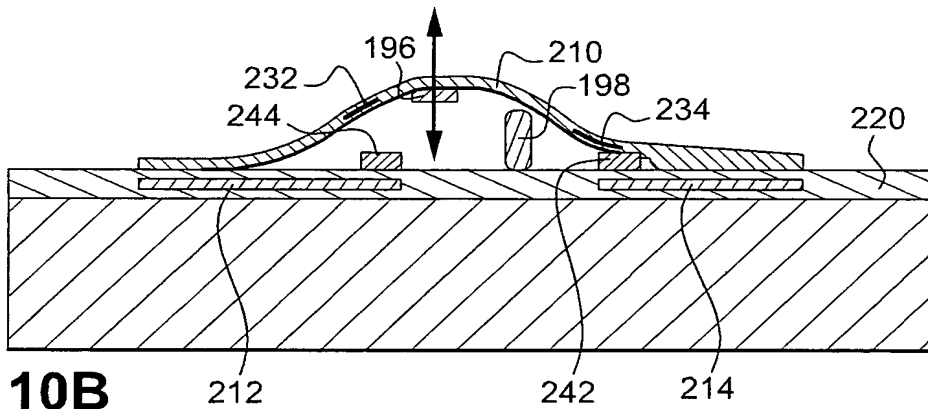
7/25



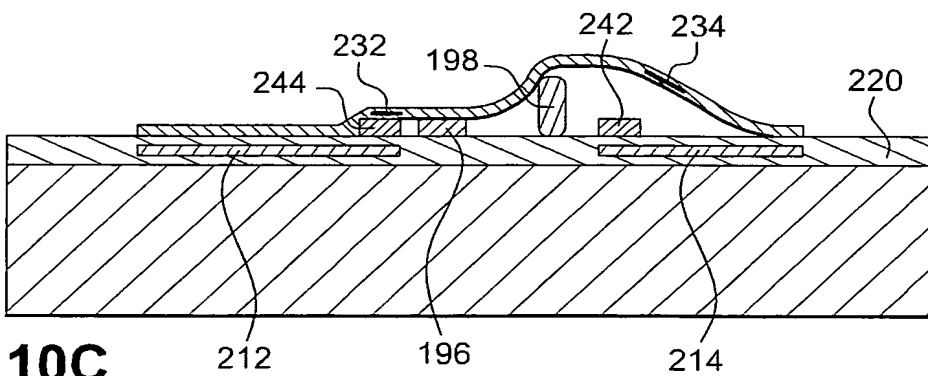
8/25



**Fig. 10A**



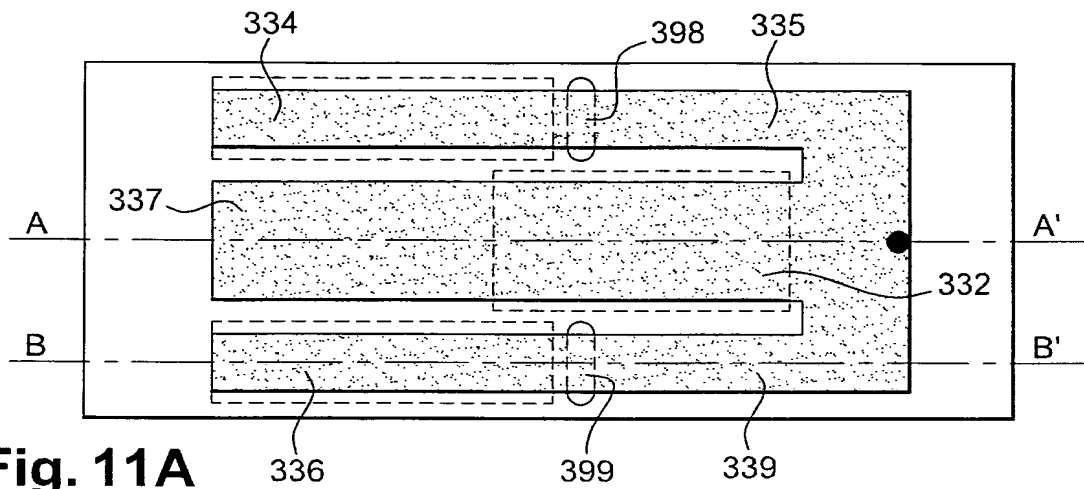
**Fig. 10B**



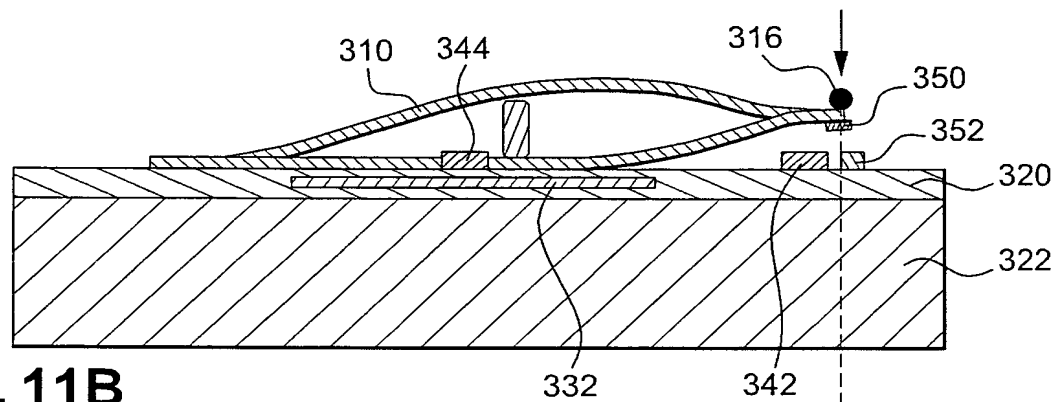
**Fig. 10C**



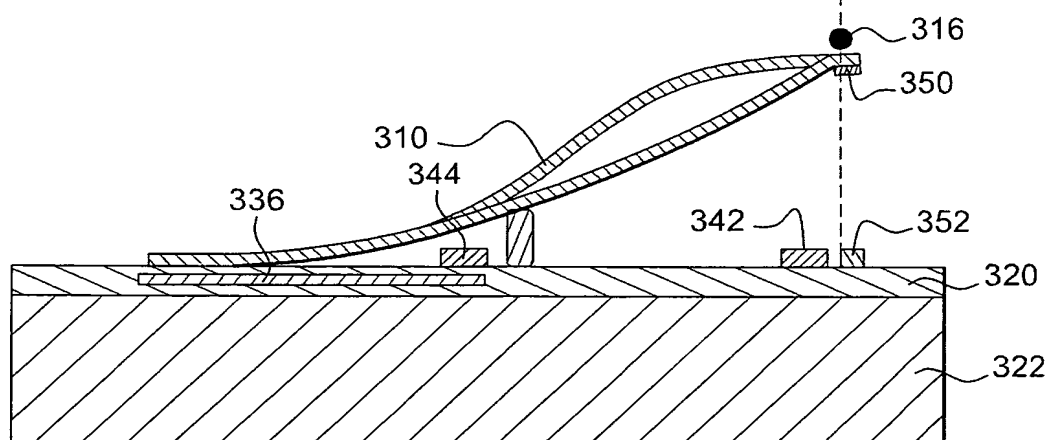
9/25



**Fig. 11A**

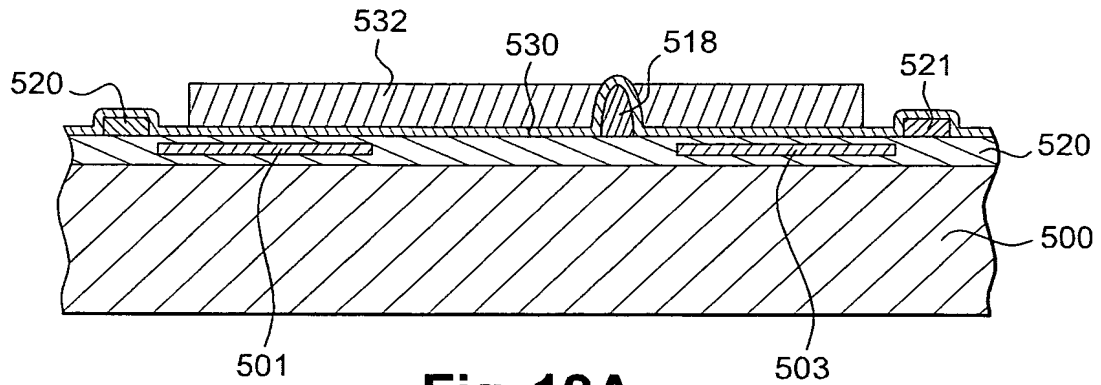


**Fig. 11B**

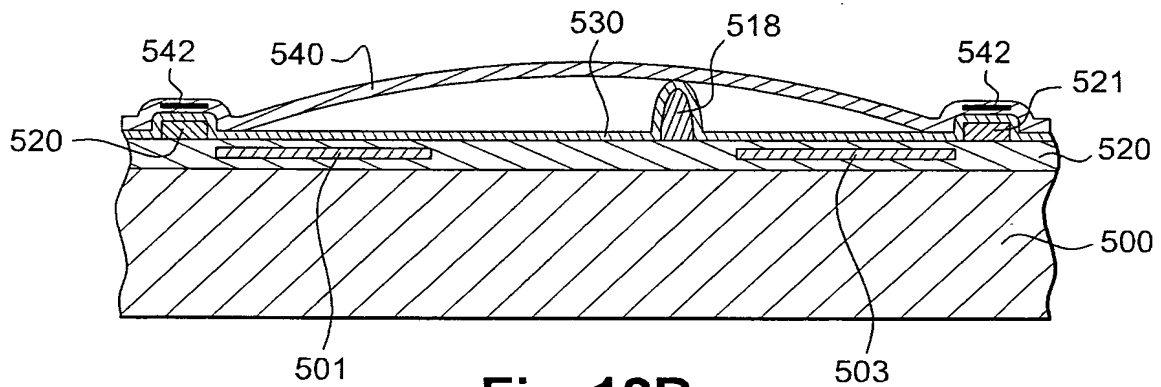


**Fig. 11C**

10/25

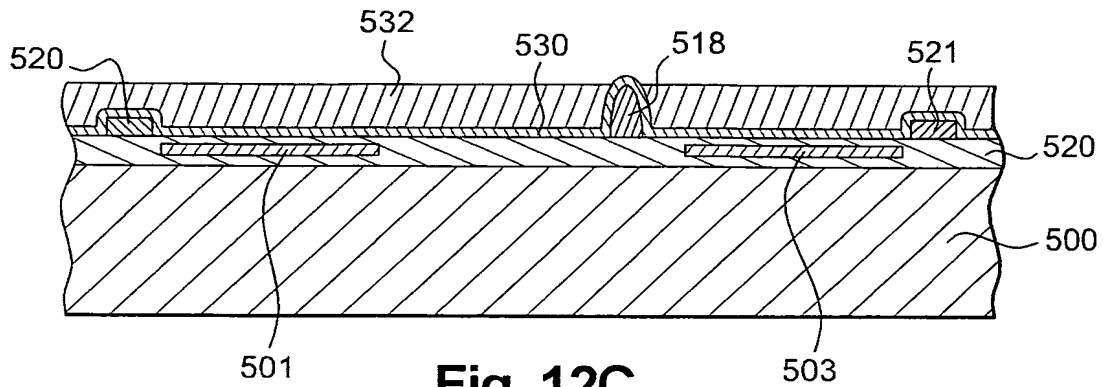


**Fig. 12A**

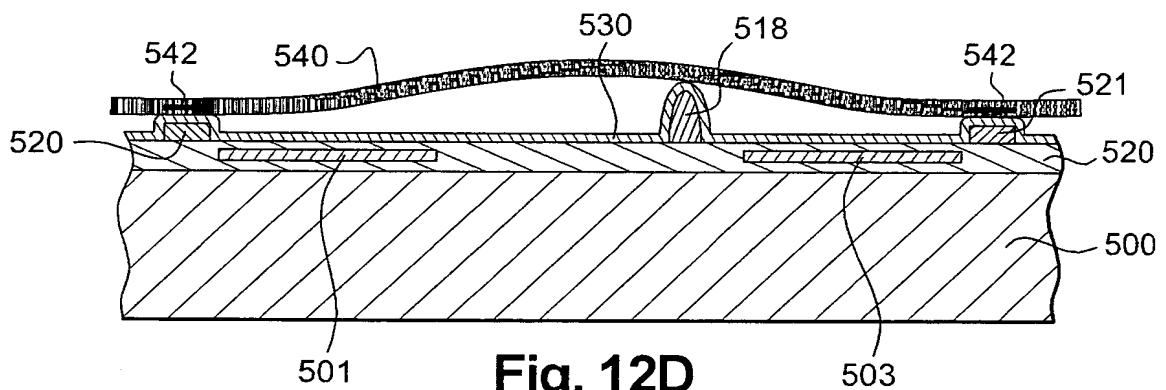


**Fig. 12B**

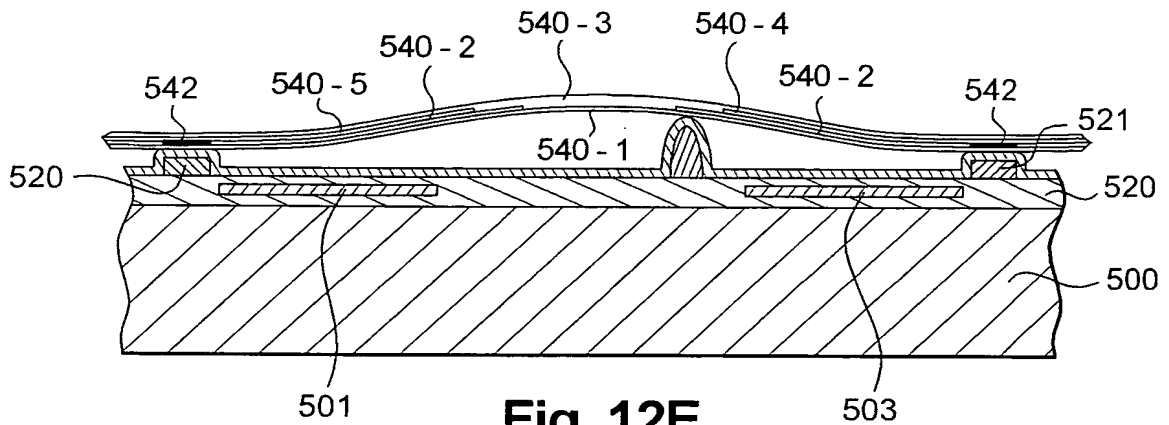
11/25



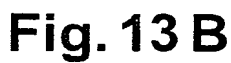
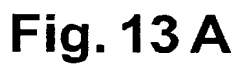
**Fig. 12C**



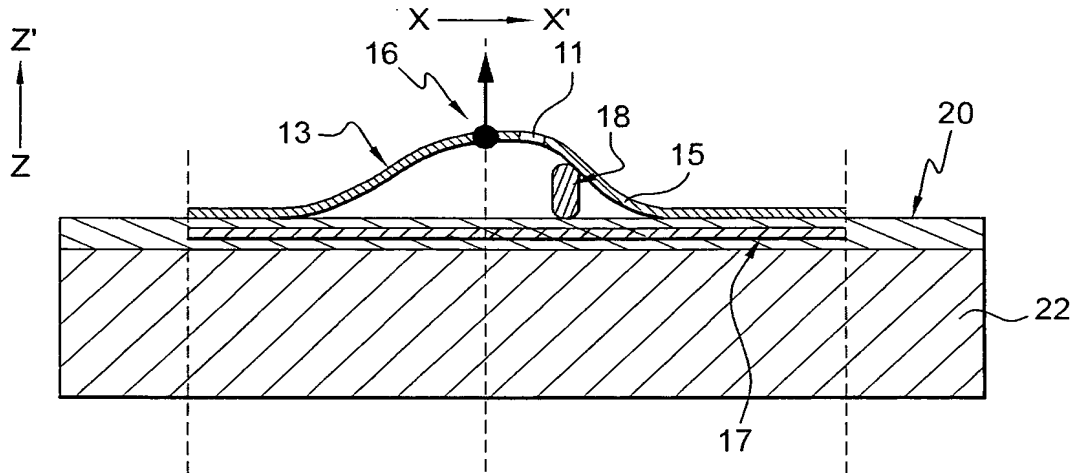
**Fig. 12D**



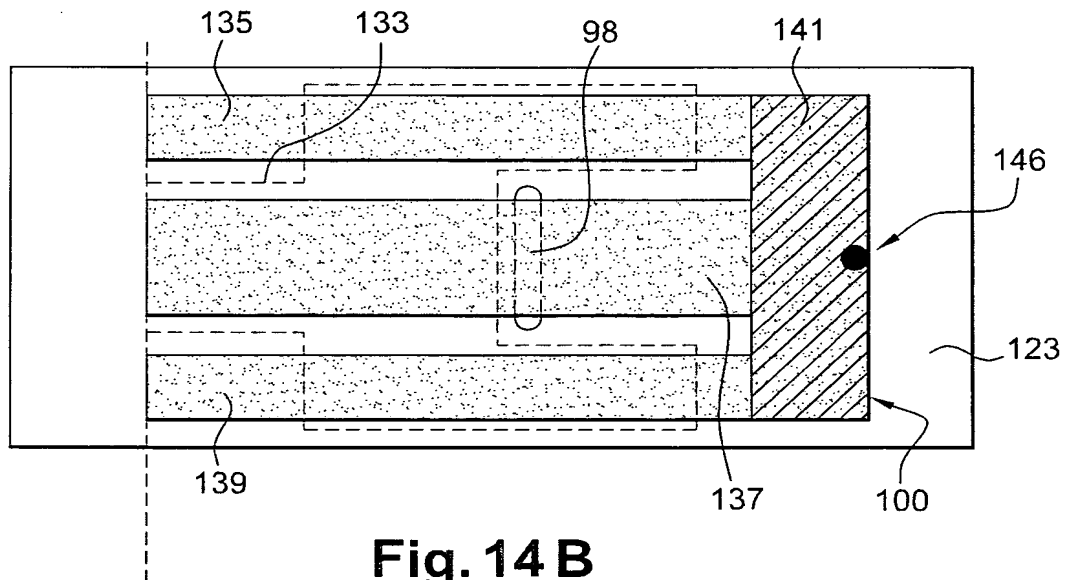
**Fig. 12E**



13/25

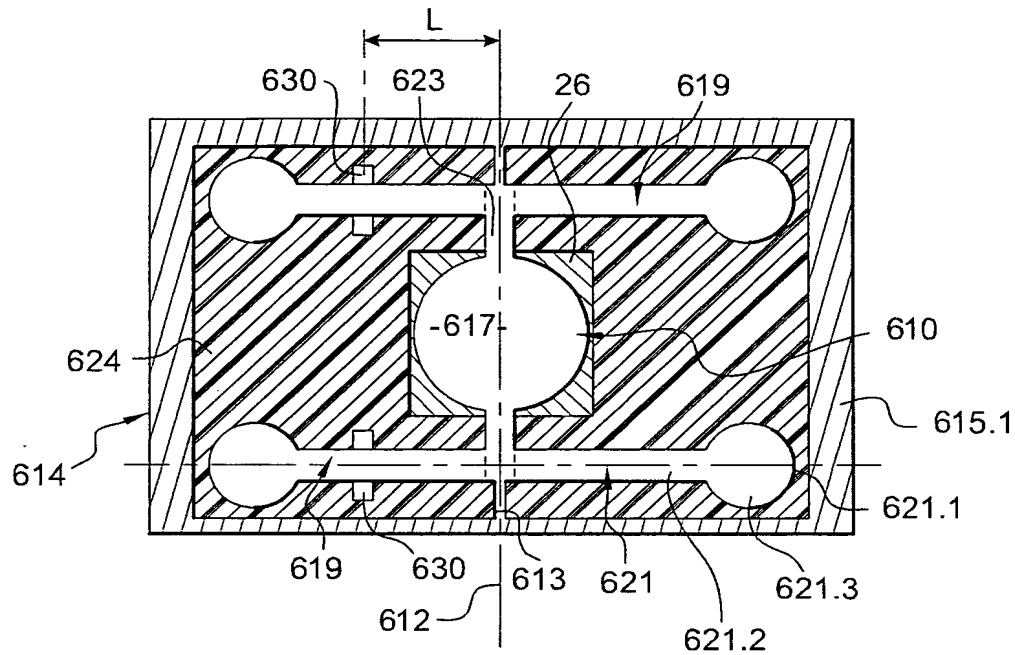


**Fig. 14 A**

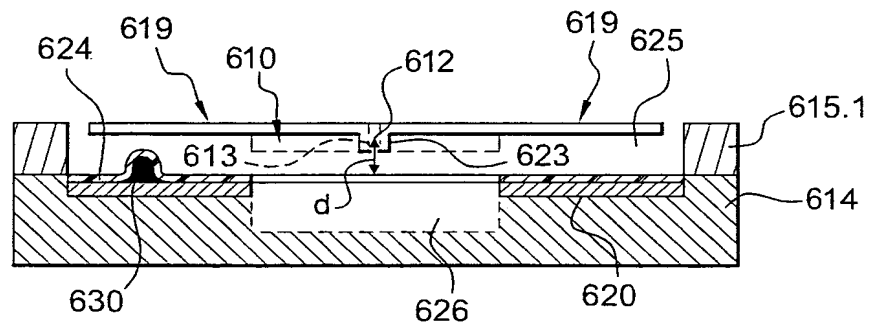


**Fig. 14 B**

14/25

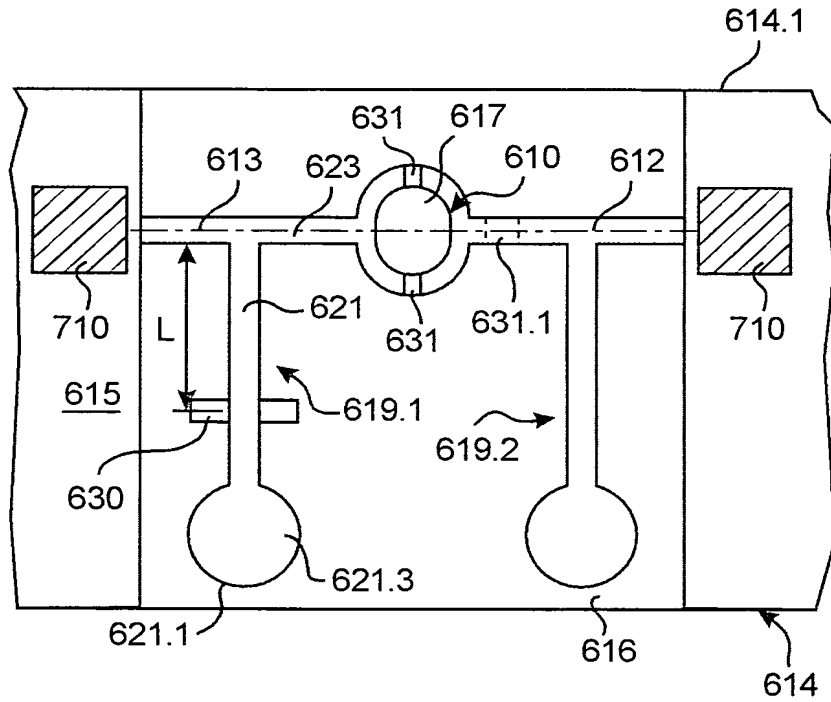


**Fig. 15A**

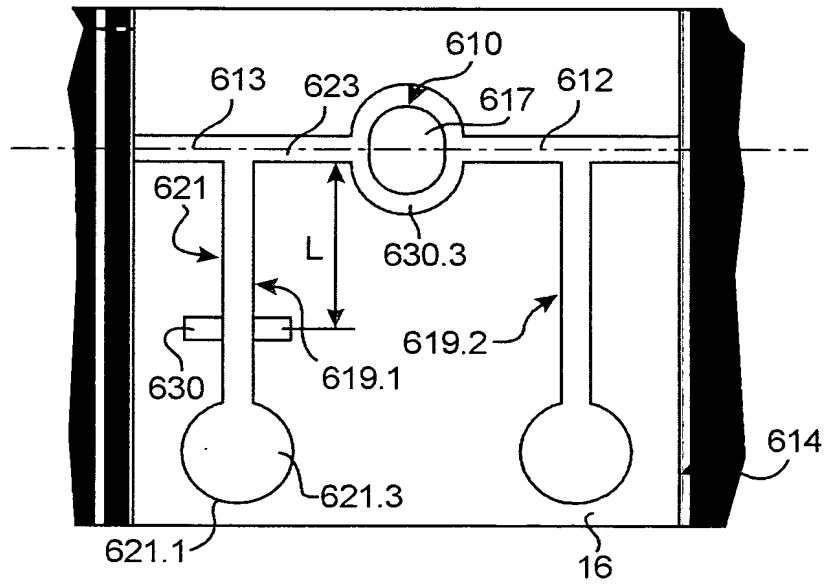


**Fig. 15B**

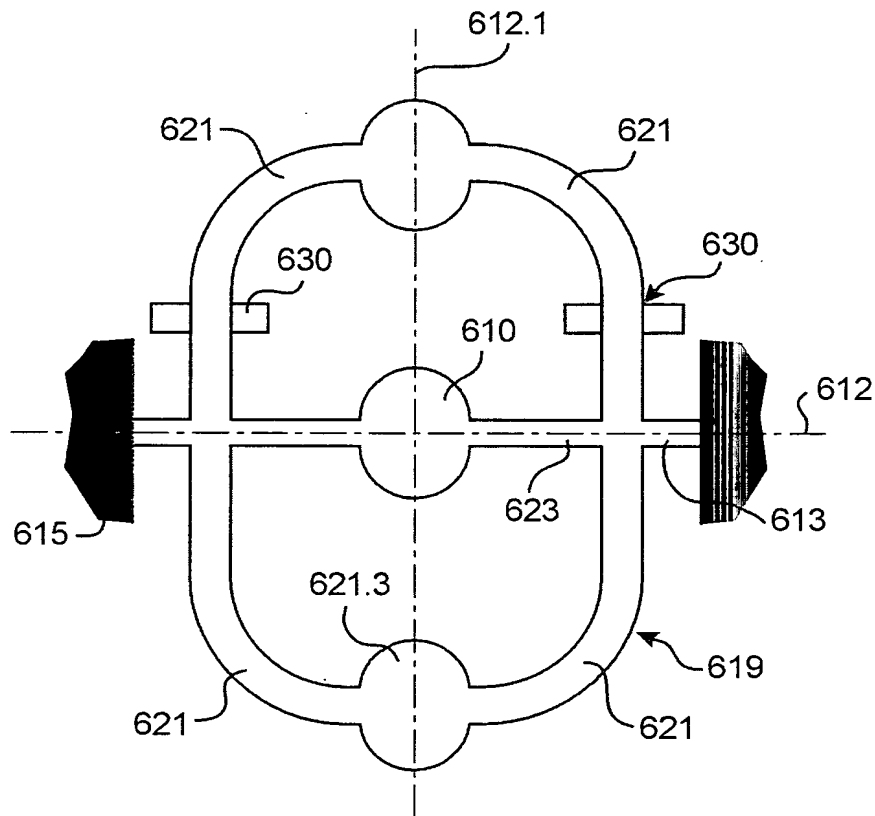
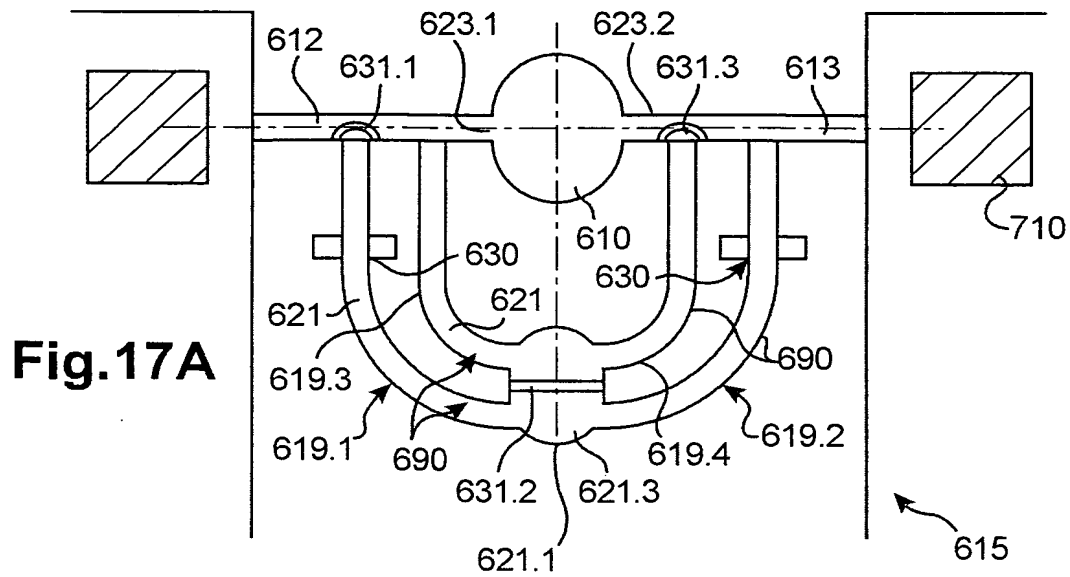
15/25



**Fig. 16A**

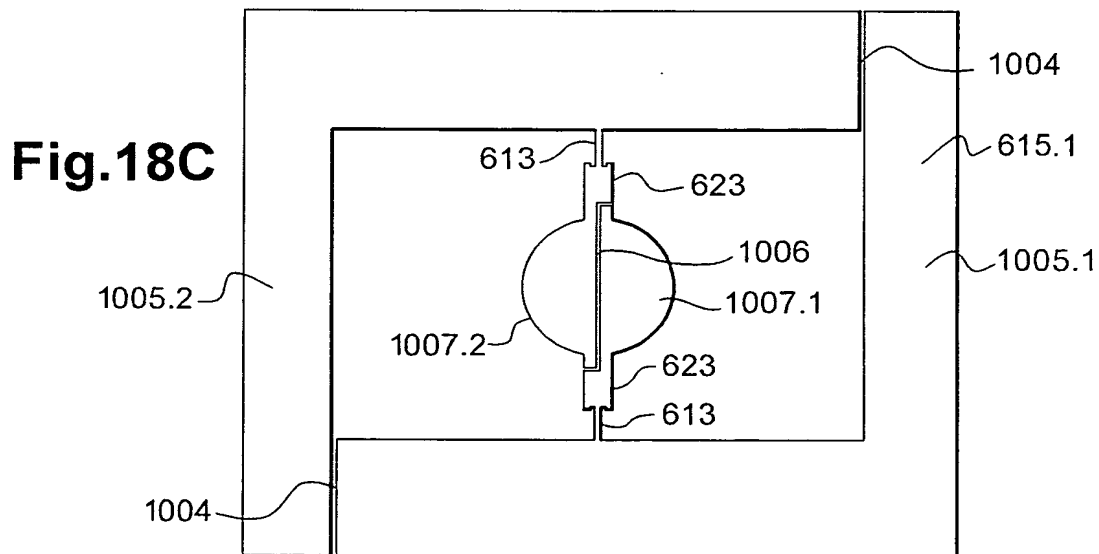
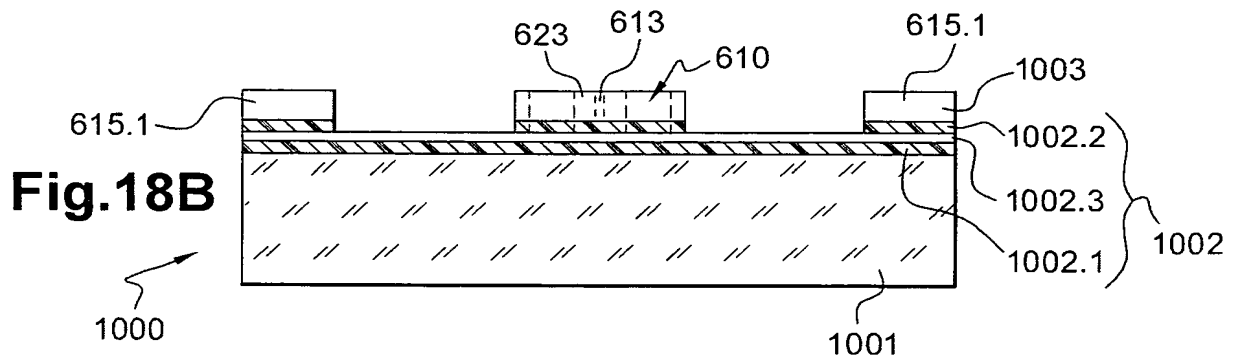
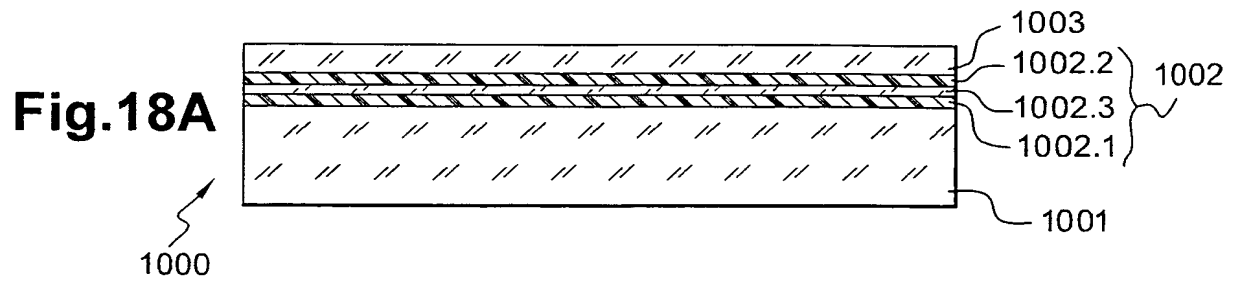


**Fig. 16B**



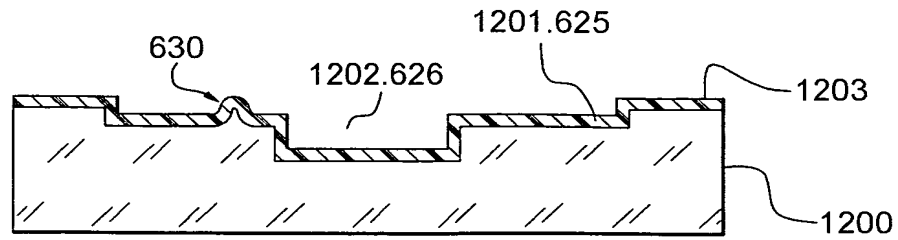


17/25

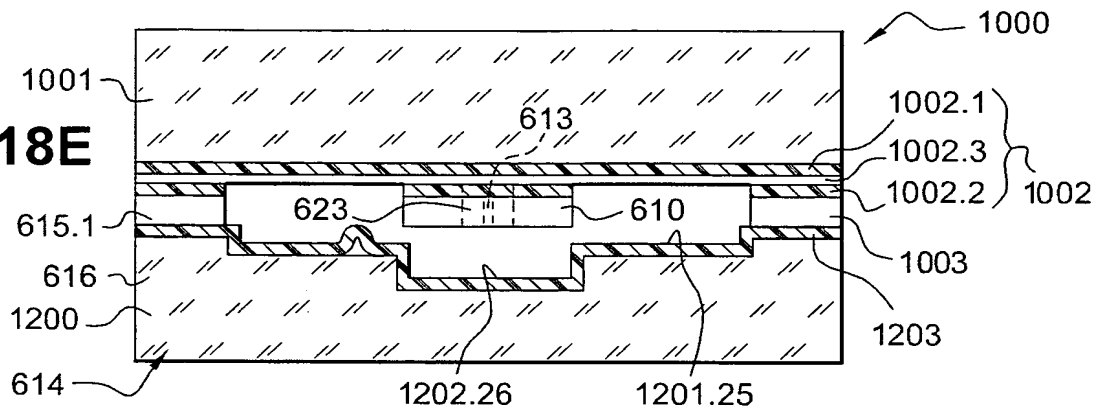


18/25

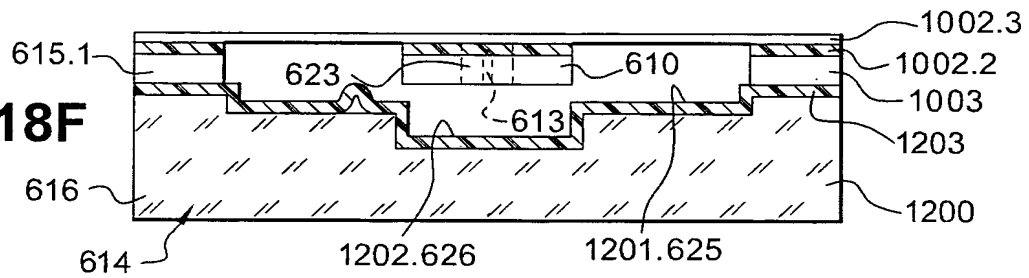
**Fig.18D**



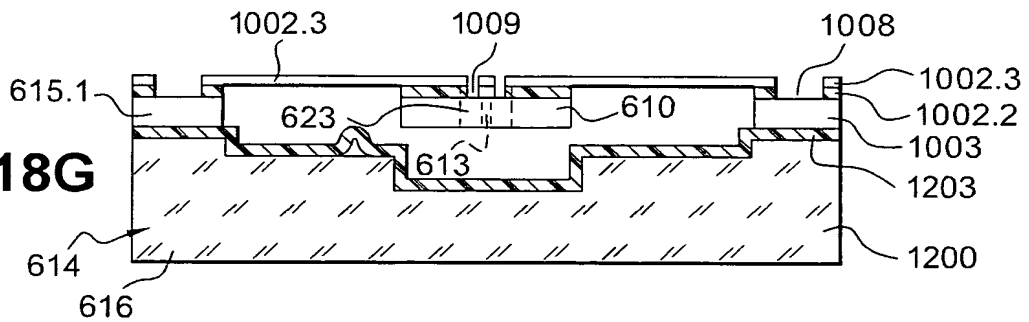
**Fig.18E**



**Fig.18F**

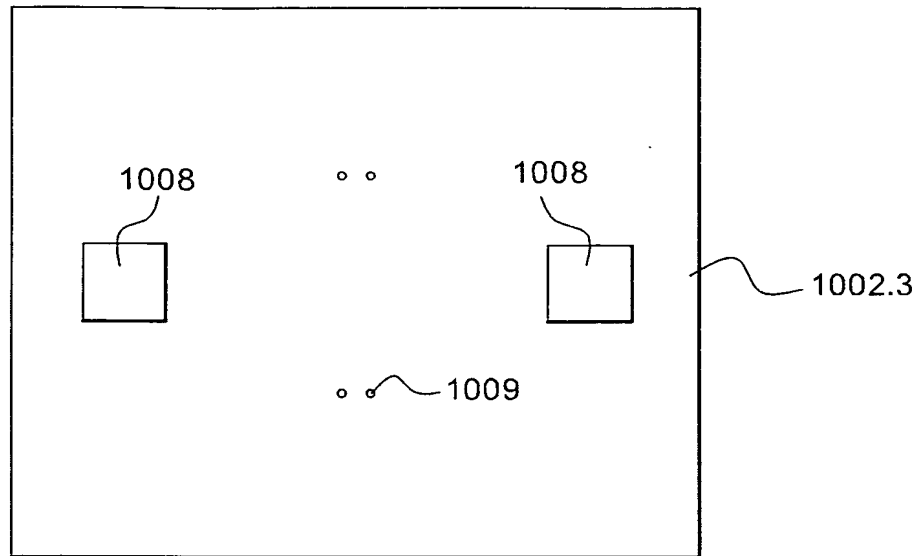


**Fig.18G**

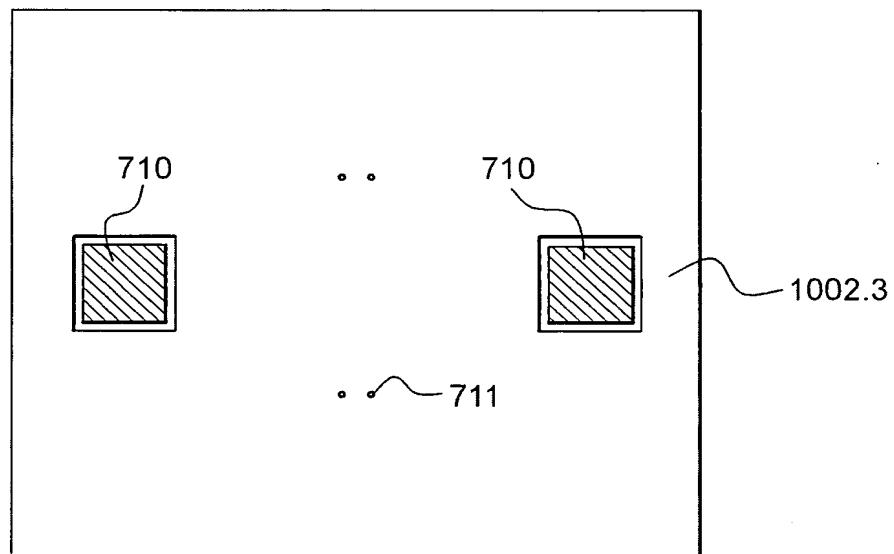


19/25

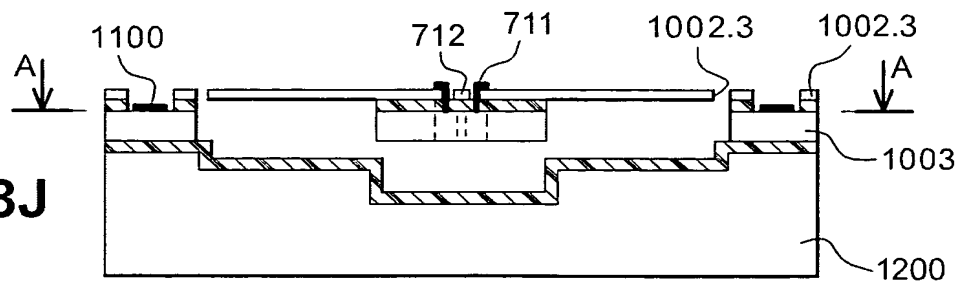
**Fig.18H**



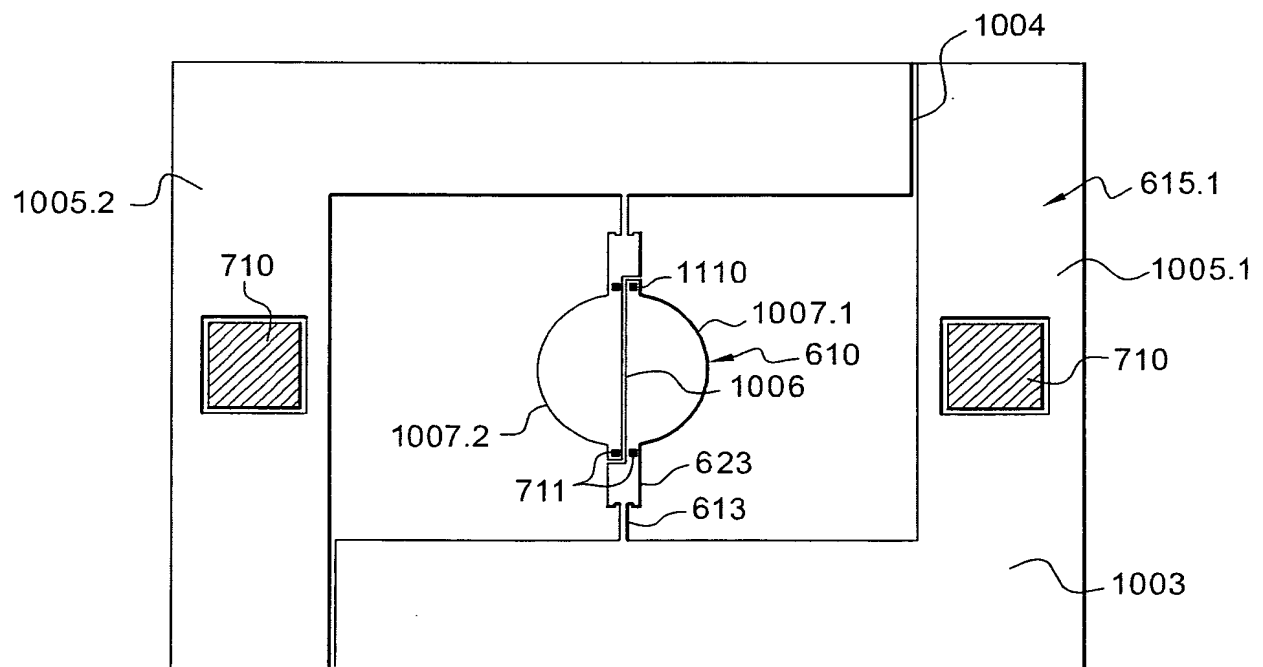
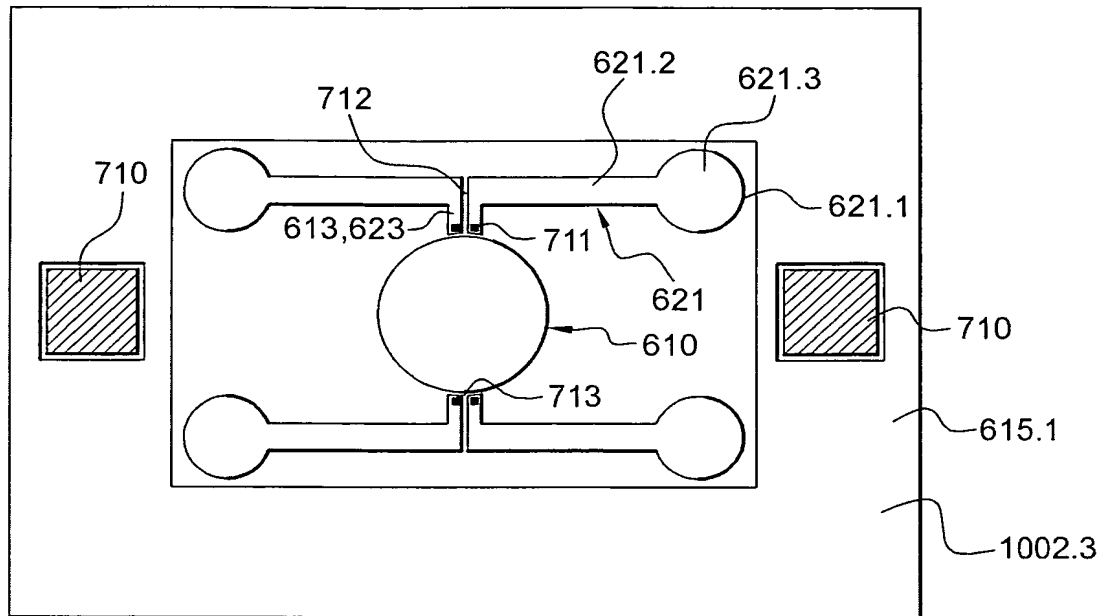
**Fig.18I**

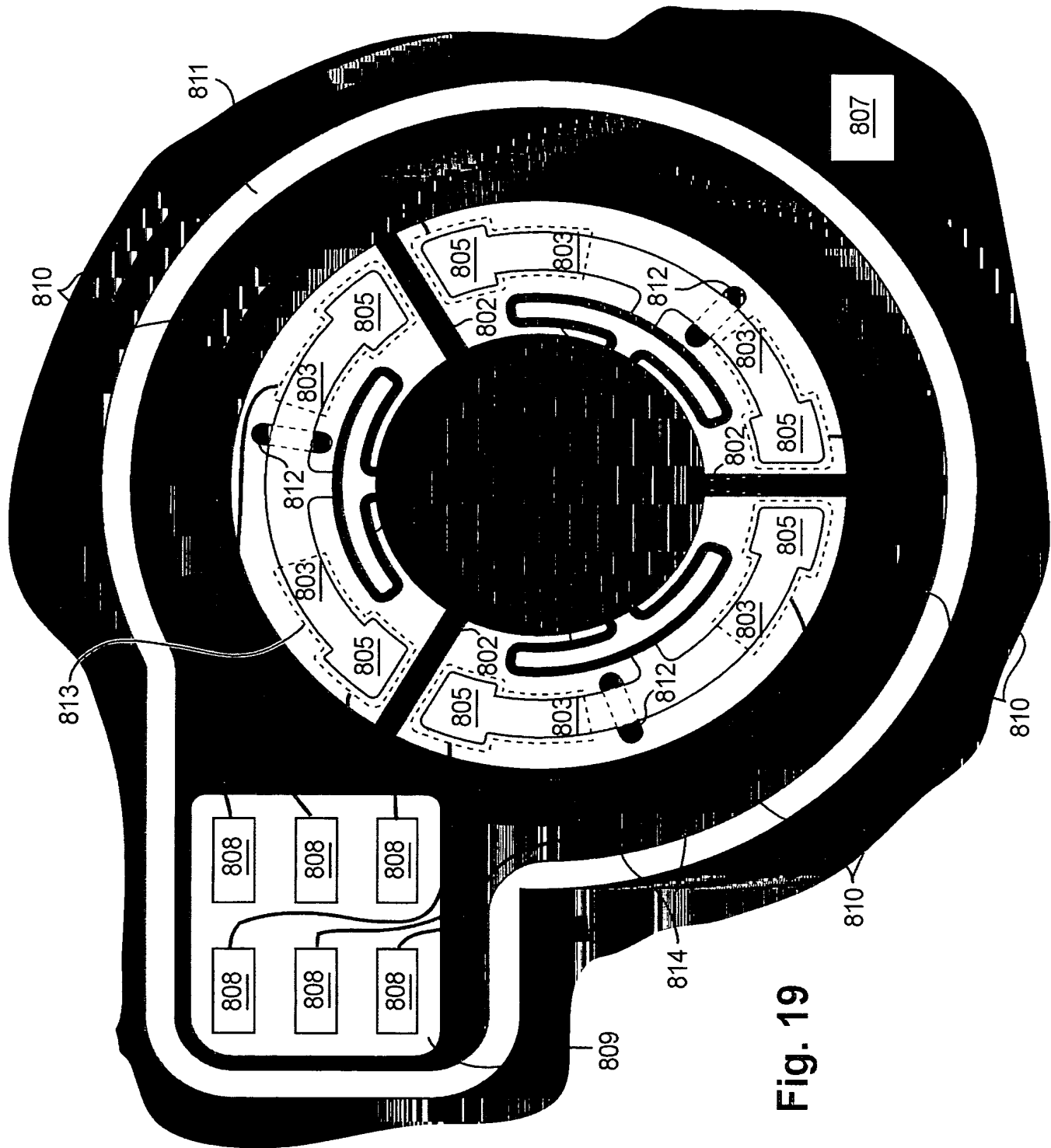


**Fig.18J**



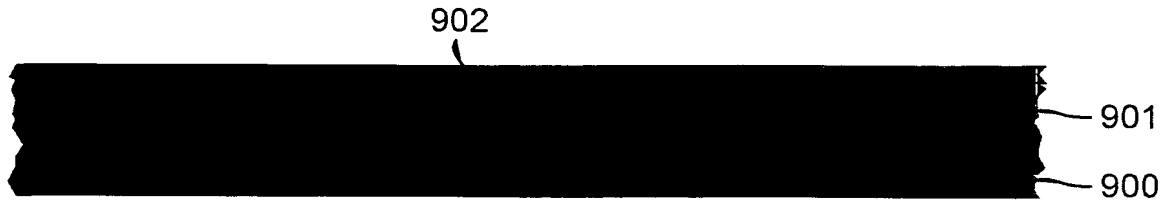
20/25



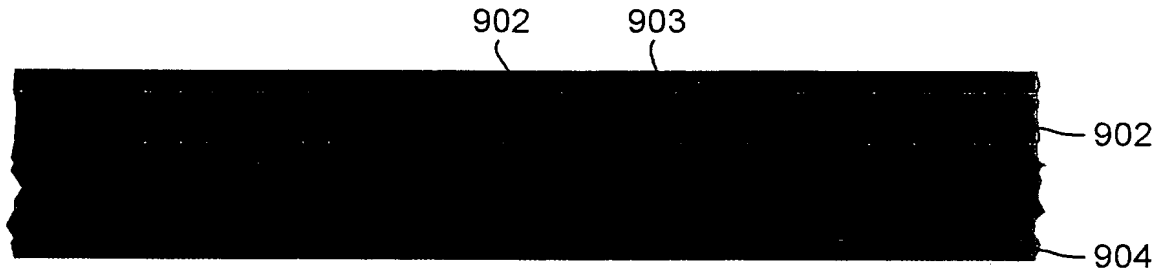


**Fig. 19**

22/25



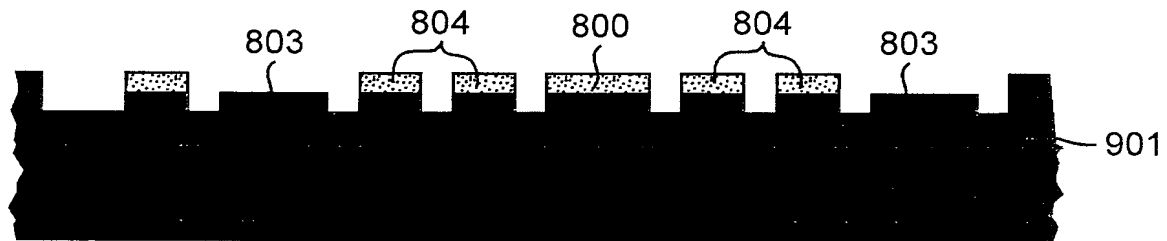
**Fig. 20A**



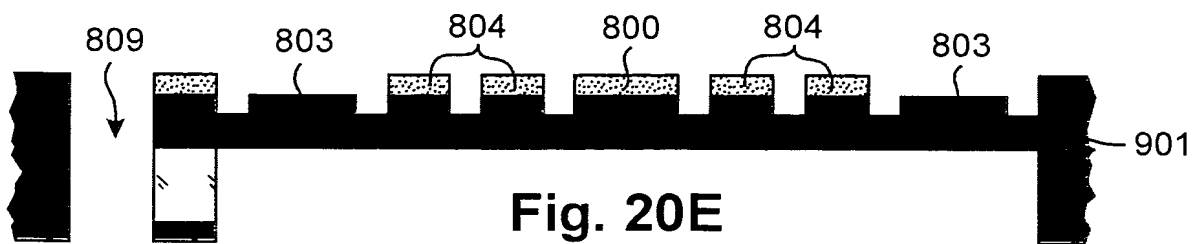
**Fig. 20B**



**Fig. 20C**



**Fig. 20D**



**Fig. 20E**

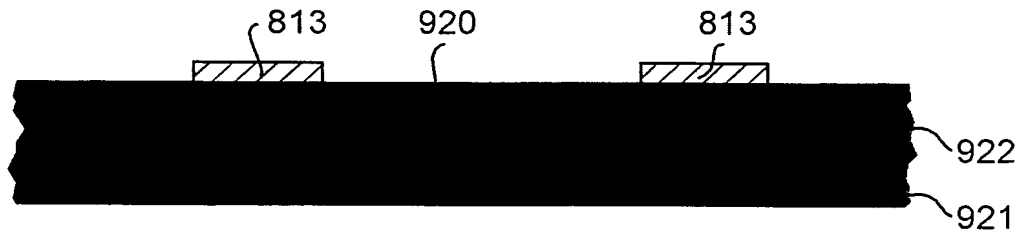


Fig. 21A

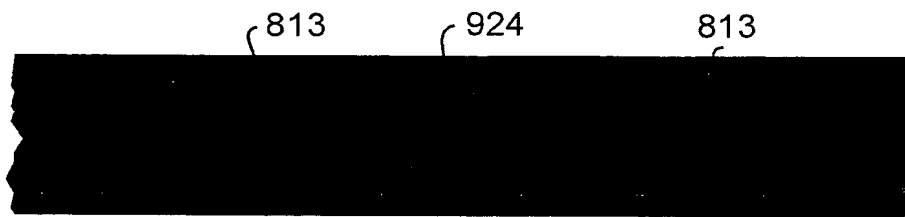


Fig. 21B

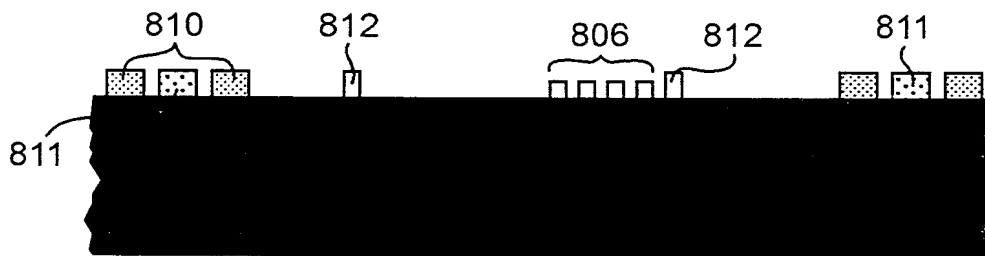
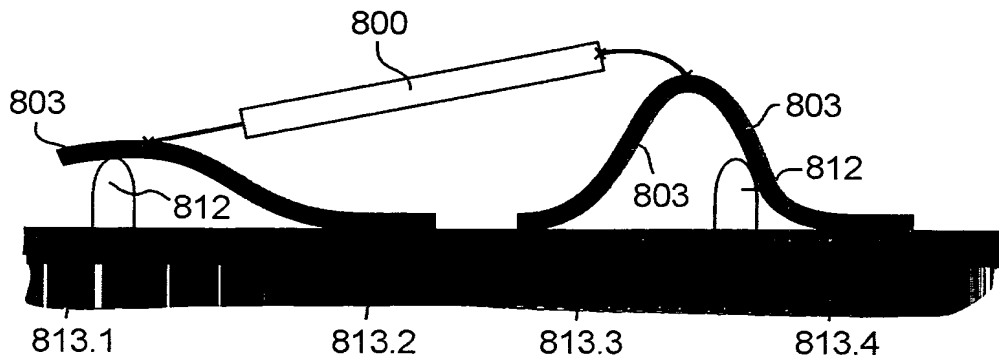


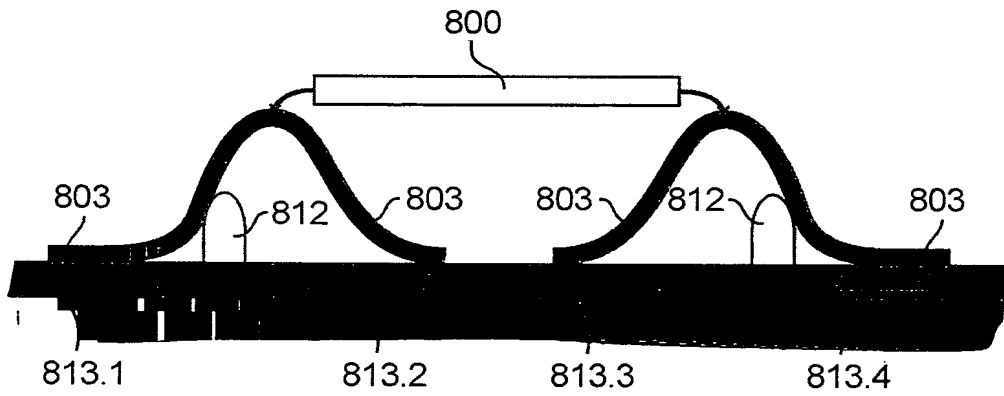
Fig. 21C



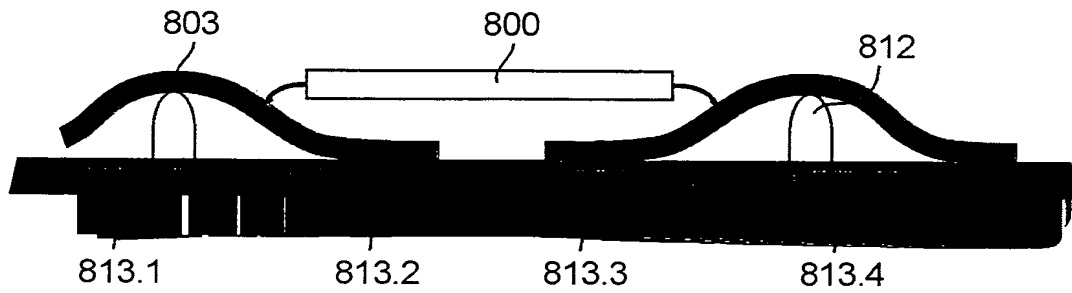
Fig. 21D



**Fig. 22A**

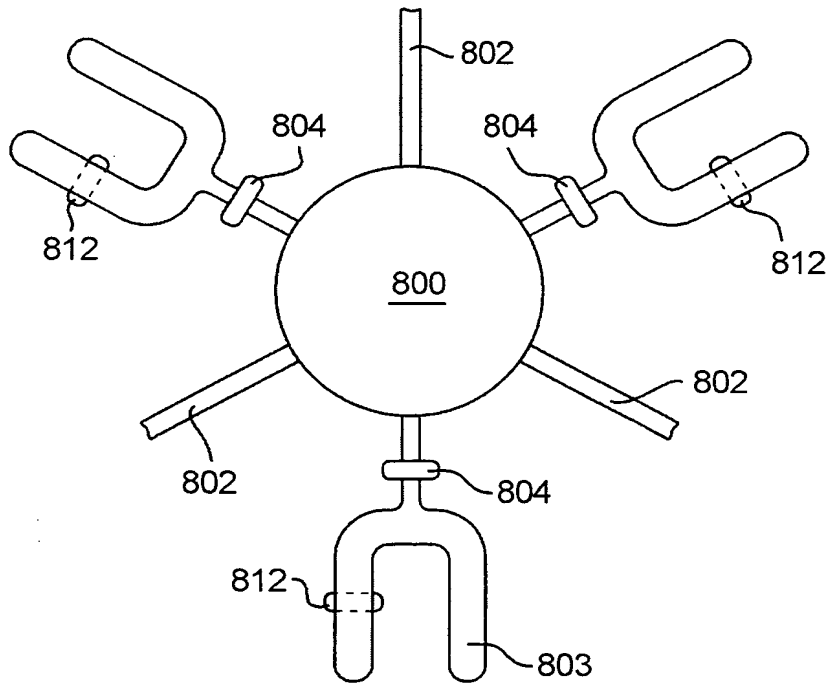


**Fig. 22B**

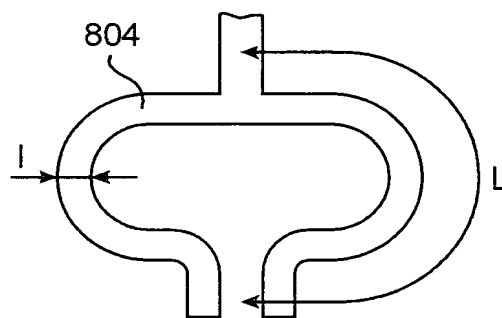


**Fig. 22C**





**Fig. 23**



**Fig. 24**

**This Page is Inserted by IFW Indexing and Scanning  
Operations and is not part of the Official Record.**

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☐ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** \_\_\_\_\_

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.**